# XTRA•GUARD® 1

## MULTIPAIR, FOIL SHIELD

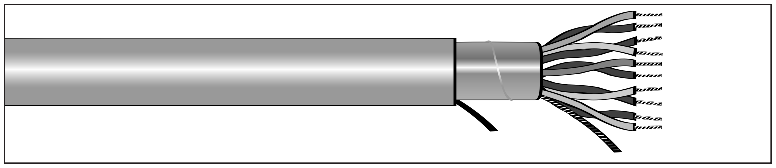
### EXTRA-PREMIUM GRADE PVC JACKET FOR EXTENDED CABLE LIFE

**UL TYPE CM, AWM 2464**
**CSA CMG FT4**
**RoHS COMPLIANT**
**300 VOLT**



## CHOOSE XTRA•GUARD 1 FOR:

- Unsurpassed Flame and Moisture Resistance
- Fast, Easy Stripping of Insulation and Jacket
- UL Recognition, UL Listing and CSA Certification
- Flexible Cable Routing Requirements



## XTRA•GUARD 1 APPLICATIONS:

- EIA RS 232C Interface (24, 22 AWG)
- High Technology Applications in Controlled Environments
- Medical Electronics
- Point-Of-Sale Equipment
- Computer Peripherals
- Industrial Process Controls

## CHARACTERISTICS

### OPERATING TEMPERATURE:

- –20°C to 80°C – AWM
- –20°C to 75°C – CM

### VOLTAGE RATING:

- 300 Volt

### COLOR DESCRIPTION:

- Color Code: 24, 22 AWG Chart B Page 374, 20, 18 AWG Chart A Page 374
- Jacket Colors: Gray, Black

### PRODUCT DESCRIPTION:

- Conductor: Stranded Tinned Copper
- Insulation: Color-Coded Premium PVC
- Shield: Aluminum/Polyester Foil Facing In with Stranded Tinned Copper Drain Wire Equal in Size to Insulated Conductors of Cable
- Nylon Rip Cord for Ease of Jacket Stripping
- Jacket: Premium PVC

## SPECIFICATIONS

- UL Type CM, AWM Style 2464
- CSA CMG FT4
- Passes UL VW-1 Flame Test
- Passes CSA FT4 Flame Test
- RoHS Compliant

RoHS Compliant

UL LISTED · Passes UL VW-1 Flame Test · Underwriters Laboratories Inc. · CSA Certified · Canadian Standards Association · CE

## AVAILABILITY

- **In Stock:** Gray 100 ft (30,5m), 500 ft (152m) and 1000 ft (305m) put-ups
- Made-To-Order: Black, 1000 ft (305m) minimum

**24 AWG** (0,23mm²), **7/32** (7x0,20mm), Insulation Thickness: **0.010"** (0,25mm)

| XTRA•GUARD 1 Part No. | No. of Pairs | Jacket Thickness Inches | Jacket Thickness mm | Nominal Diameter Inches | Nominal Diameter mm |
|---|---|---|---|---|---|
| **5491C** | **1** | 0.032 | 0,81 | 0.16 | 4,1 |
| **5492C** | **2** | 0.032 | 0,81 | 0.21 | 5,2 |
| **5493C** | **3** | 0.032 | 0,81 | 0.23 | 5,9 |
| **5494C** | **4** | 0.032 | 0,81 | 0.25 | 6,5 |
| **5495C** | **5** | 0.032 | 0,81 | 0.27 | 7,0 |
| **5496C** | **6** | 0.032 | 0,81 | 0.29 | 7,4 |
| **5499C** | **9** | 0.032 | 0,81 | 0.34 | 8,5 |
| **5499/11C** | **11** | 0.032 | 0,81 | 0.36 | 9,2 |
| **5499/15C** | **15** | 0.032 | 0,81 | 0.40 | 10,3 |
| **5499/19C** | **19** | 0.032 | 0,81 | 0.44 | 11,2 |
| **5499/27C** | **27** | 0.032 | 0,81 | 0.50 | 12,8 |

**22 AWG** (0,35mm²), **7/30** (7x0,25mm), Insulation Thickness: **0.010"** (0,25mm)

| XTRA•GUARD 1 Part No. | No. of Pairs | Jacket Thickness Inches | Jacket Thickness mm | Nominal Diameter Inches | Nominal Diameter mm |
|---|---|---|---|---|---|
| **5481C** | **1** | 0.032 | 0,81 | 0.18 | 4,6 |
| **5482C** | **2** | 0.032 | 0,81 | 0.23 | 5,8 |
| **5483C** | **3** | 0.032 | 0,81 | 0.25 | 6,5 |
| **5484C** | **4** | 0.032 | 0,81 | 0.27 | 7,0 |
| **5485C** | **5** | 0.032 | 0,81 | 0.29 | 7,4 |
| **5486C** | **6** | 0.032 | 0,81 | 0.32 | 8,0 |
| **5489C** | **9** | 0.032 | 0,81 | 0.37 | 9,4 |
| **5489/11C** | **11** | 0.032 | 0,81 | 0.40 | 10,3 |
| **5489/15C** | **15** | 0.032 | 0,81 | 0.45 | 11,4 |
| **5489/19C** | **19** | 0.032 | 0,81 | 0.49 | 12,5 |
| **5489/27C** | **27** | 0.053 | 1,35 | 0.62 | 15,7 |

**20 AWG** (0,56mm²), **7/28** (7x0,32mm), Insulation Thickness: **0.017"** (0,43mm)

| XTRA•GUARD 1 Part No. | No. of Pairs | Jacket Thickness Inches | Jacket Thickness mm | Nominal Diameter Inches | Nominal Diameter mm |
|---|---|---|---|---|---|
| **5452C** | **2** | 0.032 | 0,81 | 0.31 | 7,7 |
| **5453C** | **3** | 0.032 | 0,81 | 0.33 | 8,3 |
| **5456C** | **6** | 0.032 | 0,81 | 0.43 | 10,7 |
| **5459C** | **9** | 0.032 | 0,81 | 0.50 | 12,5 |
| **5459/12C** | **12** | 0.032 | 0,81 | 0.56 | 13,5 |
| **5459/19C** | **19** | 0.053 | 1,35 | 0.70 | 17,8 |

**18 AWG** (0,81mm²), **16/30** (16x0,25mm), Insulation Thickness: **0.017"** (0,43mm)

| XTRA•GUARD 1 Part No. | No. of Pairs | Jacket Thickness Inches | Jacket Thickness mm | Nominal Diameter Inches | Nominal Diameter mm |
|---|---|---|---|---|---|
| **5373C** | **3** | 0.032 | 0,81 | 0.36 | 9,2 |
| **5376C** | **6** | 0.032 | 0,81 | 0.47 | 12,0 |

### FIT® TUBING RECOMMENDATION

**FIT®-221** – General Purpose, Irradiated Polyolefin (See Page 114 for Product Specifications)
**FIT®-321** – Medium Wall, Adhesive Lined, Irradiated Polyolefin (See Page 121 for Product Specifications)

***FOR COMPLETE PRODUCT PERFORMANCE DATA, SEE TECHNICAL SECTION IN THE BACK OF THIS BOOK.***